

Q3
concl'd within the set of pixels of the horizontal resolution in order to generate a [high] higher-resolution image.

Claim 14, (no change).

Claim 15, line 3, change "comprises" to --is--.

Q3 16. (amended) The image processing arrangement of claim [12] 22, wherein each low-resolution image comprises a set of pixels, and the image expansion circuitry includes a pixel generator for generating additional pixels and inserting the additional pixels within the set of pixels of the horizontal resolution in order to generate a [high] higher-resolution image.

Claim 18, line 3, change "comprises" to --is--.

REMARKS

The specification has been amended in minor respects to further improve upon the idiomatic English and also to further clarify that the invention pertains to expansion of the horizontal resolution of a DVD image. There is no expansion of the vertical resolution. That is clear from Figs. 3 and 4 of the drawings as

filed and the description in the specification on page 3, lines 23-29.


The claims were rejected over Fujimoto and Kesatoshi, on the basis that each of those references discloses a system wherein a stored DVD image is expanded to obtain an image on a computer monitor. Another reference, Potu, was cited for its disclosure of interpolation circuitry. However, none of those references disclose or suggest to arrive at a higher resolution image by "stretching" the horizontal resolution of a lower resolution DVD image.

In the prior art, and consistent with the aforesaid references, the practice has been to obtain a DVD image of 720 X 480 pixels and "squeeze" it down to the 640 X 480 resolution of a typical computer monitor. The present invention does just the opposite. Starting with a computer monitor of higher resolution than the DVD image, such as a monitor resolution of 800 X 600 pixels, the horizontal component of the DVD image is expanded from 720 to 800 pixels. Thus, the result is an image of improved resolution rather than the reduced resolution which was obtained by compressing the DVD image to accommodate it to a lower resolution computer monitor.

The claims have now been either rewritten or amended to make it clear that the invention achieves expansion of the horizontal resolution of a lower resolution DVD image. Accordingly, it is believed that as now amended this application clearly patentably distinguishes from all prior art and consequently is in condition

for allowance. Reconsideration and such action is earnestly solicited.

Respectfully submitted,

By 
Leroy Eason, Reg. 17,391
Consulting Patent Attorney
(914) 333-9632
September 13, 2000

CERTIFICATE OF MAILING

It is hereby certified that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to:

COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

On SEPTEMBER 13, 2000

By Neemi Chgoe